



100 Years Bexar Wire

San Antonio Radio Club
W5SC



2019 No. 9

September 2019



Richard Elder, WB5ACN, presenting a talk on the Variable Time (VT) Proximity Fuse with an example in his hand at the San Antonio Radio Club (SARC) General Membership Meeting on August 8, 2019



Mike Harrison, KB5KST, Vice President, SARC presenting a Program Certificate of Appreciation to Richard Elder, WB5ACN, for his presentation on the Variable Time (VT) Proximity Fuse to the San Antonio Radio Club (SARC) General Membership Meeting on August 8, 2019

Proximity Fuse

The meeting on August 8, 2019 at **Blanco BBQ, 13259 Blanco Road, San Antonio, TX 78216**, was started by Rosendo Guzman, N5YBG, President, SARC, started the meeting at 7:00 p. m. he started this meeting, like other meetings, with name and call sign introductions. He then turned it over the Mike Harrison, KB5KST, Vice President, SARC who then introduced the program presenter, Richard Elder, WB5ACN, for the meeting.

Richard Elder, WB5ACN, actually started with a bonus presentation on the repair of SARC's beam antenna earlier that day. The beam antenna has been erratic all year to include Field Day 2019 where nothing worked on Saturday, but then 20M worked on Sunday morning. With assistance from Joe Bruno, W5AUQ, and Rich Roudebush, N4DCA, Richard WB5ACN undertook a trouble shooting session to figure out which traps (there are twelve) in this beam antenna were a problem. They successful isolated the problem traps, dissembled, cleaned, and repaired them such that the beam antenna now worked. (This is not guess work as the beam antenna was successful used at the special on-air event for the Centennial Commemorative Celebration two days later at the San Antonio Museum of Science and Technology.)

After the bonus presentation, Richard WB5ACN launched into his presentation on Proximity Fuse. These fuses were developed during World War II. There was a need to explode warheads before contact with an

Surge Protection

Our next club meeting will be at 7:00 p. m. (1900) on Thursday, September 12, 2019, at **Blanco BBQ, 13259 Blanco Road, San Antonio, TX 78216**. The program will be on Surge Protection by Bill Craft, KD2HIQ.

(Continued on Page 5)

SAN ANTONIO RADIO CLUB

PRESIDENT’S RADIOGRAM

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
9	R		N5BYG		San Antonio, TX		Sept
TO	W5SC						

Hello fellow Amateur Radio Operators. September is a great month, if you are working the next VHF Contest coming up in a few weeks September 14-16, 2019.

I was checking out some other website and I found the following article from Daniel M. Romanchik, KB6NU.

FT8 really is reshaping amateur radio
August 29, 2019 by Dan KB6NU

FT8 really is reshaping amateur radio. Even if all DXpeditions swore not to use FT8 bots (but you know they will), hams are moving to FT8 and related modes in huge numbers. Here are a couple of related items that I ran across yesterday.

The Summer 2019 edition of the Northern California DX Foundation newsletter included the following:

Why use FT8 mode in DXpeditions? FT8 is rapidly becoming the digital mode of choice for DXpeditions and here are some reasons why:

Important for little pistol stations, especially in antenna-challenged HOA or high-noise neighborhoods.

No other mode has the capability of working five different calls in parallel in the same sub-band with queuing.

Very high rates possible compared to RTTY, which equals more ATNOs in the log.

Easier to reach certain parts of the world under poor propagation conditions and weak solar cycles.

Excellent mode for challenging bands like 6M and 160M.

Still get credit for a digital QSO toward awards, etc.

May attract new operators or revitalize older ones.

Excellent mode for hearing-or speech-impaired hams.

DQRM not a problem.

Less stressful for DXpedition operators.

Has tremendous remote operation possibilities.

Along the same lines, the ARRL has decided to reactive the Band Planning Committee. A news article yesterday notes:

In an effort to more effectively address HF digital technology issues, ARRL President Rick Roderick, K5UR, has reactivated the ARRL Board of Directors’ HF Band Planning Committee. The six-member panel, chaired by First Vice President Greg Widin, K0GW, will primarily focus on spectrum allocation issues that have gained increased visibility

with discussions on accommodating automatically controlled digital stations (ACDS) – many employing Winlink email. The committee frequencies for FT4, FT8, and other digital modes. Widin say the committee will meet next week to chart its course. Reactivation of the HF Band Planning Committee came out of discussions during the July 2019 ARRL Board meeting.

I really am of two minds on this. As my friend Jeff KE9V, said on Twitter, “FT8 is an amazing software application that allows your personal computer to experience all the thrills and excitement of global two-way radio communications!” Note that he didn’t say that it allows you to experience the thrill, but rather your computer. He decries the impersonal nature of FT8, and I have to say that I kind of agree with him on this.

On the other hand, to paraphrase an NBA cliché, the band don’t lie. The CW segments, and even the SSB segments, of the HF bands are often quiet or relatively inactive, while the FT8 segment is chock full of signals. I may not find the impersonal digital modes all that exciting myself, but you can’t argue that they’re not popular and possibly deserve a little more bandwidth.

Good DX



Special Event Station W5SC/100

Rosendo M. Guzman, Jr.

N5YBG

Bexar Wire

Published monthly by:



Rosendo Guzman N5YBG
President
San Antonio Radio Club

Harold C. Fleischer, III AE5AS
Guest Exalted Supreme Editor-In-Chief
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The due date for articles is the **Monday** before the first **Thursday** of the month.

Rosendo M Guzman, N5YBG President, called the meeting to order at 7:01 p. m. at Blanco BBQ 13259 Blanco Rd. San Antonio, TX 78216.

Rosendo M Guzman, N5YBG, then introduced himself as Rosendo N5YBG and then in accordance with SARC custom asked everyone else to introduce themselves, where 38 members were present at meeting.

Mike Harrison Vice President (KB5KST) introduce Richard Elder WB5ACN on the HAM Radio side of the development of the proximity fuse for military use in WW2 and also talked about the repairs on the Club 3 Element Yagi.

Mike Harrison KB5KST presented certificate of appreciation to Richard Elder WB5ACN

Mike Harrison Future Program in September 12, 2019 will be Richard Elder WB5ACN on Kit Building

Officer Reports:

Rosendo Guzman awarded ARRL Elmer Certificates to the following members:

Richard A. Roudebush N4DCA, Peter H. Shavney WA3OVH, Patricia L. Knight AD5BR, David P. Finell N7LRY, Richard J. Elder WB5ACN, Lloyd M. Swartz KF5ZHW, Cray D. Lester, Sr. K5MUG, Robert A. Rodriguez K5AUW, Tom P. O'Brien, Jr AB5XZ, Joe Bruno W5AUQ, Harold C. Fleischer, III AE5AS, Gary M. Harrison KB5KST, Bill Craft KD2HIQ, James C. Smith, Jr. N5RXS, Paul A Guido N5IUT, John R. Douglas W5NZK

Rosendo Guzman also awarded the following members which were not present at the Aug 08, meeting for Field Day 2019 awards. Jon April KI5CSK – Ham Radio Operator Award and Tom P. O'Brien, Jr AB5XZ – Field Day Star.

Secretary – Gianna B Fang-Guzman The July 11, 2019 Minutes from meeting were emailed to Harold Fleischer AE5AS and on July 29, 2019 were posted on the Bexar Wire Newsletter on August 05, 2019.

Treasurer Jeff Boyes ND8D No income and no expenses for last month

Newsletter Editor – (Temp) Harold C. Fleischer, AE5AS - The August 2019 Bexar Wire newsletter was finished and on Monday, August 5, 2019, posted to the website with a MailChimp message announcing its availability to the members. The deadline for the next newsletter remains the same: the Monday before the first Thursday of the month. Still an opportunity for a member to become the Bexar Wire Editor-In-Chief.

Webmaster – Bill Craft, KD2HIQ, (4) Facebook Statistics Post reach. Posts Director Stratton has sanctioned the Radio Fiesta 2020 164. Amazon Prime 111. Silent Key W5PKE Mr. Curtis Edwards Swafford 177. SARC Gen Meeting 106.

Membership – Bill Craft, KD52HIQ as May 31, 2019 135 Paid members, 33 Free, 12 Family Members, 43 ARRL Members, a total of 223 members.

Chairman of the Board Report – Harold Fleischer, AE5AS No Report

Committee Reports:

Education and Training – David Finell N7LRY, there will be a class for Texas guard between September and October. I have a lead on a possible HOA clubhouse for a class for the general public. Will follow up with NISD after School resumes. Training at the National Guard base access only.

Emergency Communications – No Report

Executive – No Report

Field day Joe Bruno W5AUQ, No Report

Finance and Review - Paul A Guido N5IUT No Report

JOTA – John Douglas, W5NZK 62nd JOTA October 18, 19, and 20 2019 will be working the following Bands 6, 10, 12, 15, 17, 20, 40, and 80. Everyone needs to take the Certification online.

Radio Fiesta – Rosendo Guzman N5YBG Eventbrite is now up and running for vendor registration. Division Director John Robert Stratton, N5UAS at Austin Summerfest, and confirmed presentation. Met

with Lori Hicks and Matt Youngblood from FlexRadio, also met with Dan from Associated Radio, and declined attending Radio Fiesta.

VE Team – Pat Knight AD5BR - Our next session will be August 24 at 10 AM at the Great Northwest Library. The General exam question pool changed July 1, 2019, so make sure you are studying the new General exam questions. A great study site with flash cards is <https://hamstudy.org>

Contact the VE team at hamtest@gmail.com to pre-register for testing or with any questions.

Centennial Commemoration (Temporary) - Tom O'Brien, AB5XZ - Swag (coins, pins, patches) will be for sale after the meeting. Cash or check (made out to San Antonio Radio Club). Special Event operation Saturday (W5SC/100). Display SARC banner at SAMSAT. Note the Centennial article in the Bexar Wire. A few QSL cards come in every month, still need W5SC cards to respond to them.

No old business and no new business

Announcements for The Good of Amateur Radio

Tom O'Brien talked about making contact with W1AW/150 Hiram Percy Maxim Memorial Station.

Richard Elder had Fuse handouts.

Pete Shavney stated his Dad's callsign was 2CK

Meeting Adjournment: @ 9:03 p.m.

Rosendo Guzman N5YBG
President

Proximity Fuse (Continued from Page 1)



The party room at Blanco BBQ before, during, and after SARC's General Membership Meeting on August 8, 2019

object. The Navy's need was to explode anti-aircraft shells close to enemy aircraft as direct hits required an inordinate number of shells with almost all missing before one would hit. The Army needed shells that would burst over the heads of enemy troops in the open or in foxholes without overhead cover.

The solution was to put a radio transmitter in the fuse of each shell and then measure the amount of time it took for the reflected radio wave to return. When the electronic circuitry detected a close enough condition, the fuse would detonate the shell. It was a technical challenge to develop rugged, small vacuum tube to transmit the radio wave and a battery to go with it. However, it was done and Variable Time (VT) Proximity fuses were deployed and used to great effect by both the Navy first and then the Arm.

Rosendo N5YBG then continued the meeting with his President's report. He talked about how important Elmers (helpers to new hams and even old hams on some subjects) was to the Amateur Radio Service. He then announced that he had asked for Elmer certificates to recognize the Elmers that he knew in SARC's midst. Gary M. Harrison, KB5KST, Richard J. Elder,

WB5ACN, Peter H. Shavney, WA3OVH, Harold C. Fleischer, III, AE5AS, Thomas P. O'Brien, Jr., AB5XZ, Joe Bruno, W5AUQ, Cray D. Lester, Sr., K5MUG, David P. Finell, N7LRY, Patricia L. Knight, AD5BR, Richard A. Roudebush, N4DCA, Bill Craft, KD2HIQ, Lloyd M. Swartz, KF5ZHW, Robert A. Rodriguez, K5AUW, James C. Smith, Jr., N5RXS, Paul A Guido, N5IUT, and John R. Douglas, W5NZK, were then presented ARRL Elmer Certificates.

Rosendo N5YBG also awarded the following members, who were not present at the July 11, meeting for Field Day 2019 awards: Jon April, KI5CSK – Ham Radio Operator Award and Thomas P. O'Brien, Jr AB5XZ – Field Day Star.

After Rosendo N5YBG recognized Elmers, he continued on with the meeting. In general, most reports were routine, and the information is covered in the minutes, but two items did stand out:

1. John Douglas, W5NZK, announced the JOTA plans for this year, explained the Boy Scout requirement for Youth Protection Training, and asked for those interested in helping to contact him.
2. Tom O'Brien, AB5XZ, reminded everyone that the next on the air Special Event for SARC's Centennial Commemoration will be at the San Antonio Museum of Science and Technology (SAM-SAT) next Saturday, August 10, 2019.

The meeting was then adjourned.



Rosendo Guzman, N5YBG, President, San Antonio Radio Club, presenting Richard J. Elder, WB5ACN, with an ARRL Elmer Certificate



Peter H. Shavney, WA3OVH, receiving an ARRL Elmer Certificate from Rosendo Guzman, N5YBG, President, San Antonio Radio Club



Rosendo Guzman, N5YBG, President, San Antonio Radio Club, presenting Harold C. Fleischer, III, AE5AS, with an ARRL Elmer Certificate



Rosendo Guzman, N5YBG, President, San Antonio Radio Club, presenting Gary M. Harrison, KB5KST, with an ARRL Elmer Certificate



Rosendo Guzman, N5YBG, President, San Antonio Radio Club, presenting Thomas P. O'Brien, AB5XZ, with an ARRL Elmer Certificate



Rosendo Guzman, N5YBG, President, San Antonio Radio Club, presenting Joe Bruno, W5AUQ, with an ARRL Elmer Certificate



Rosendo Guzman, N5YBG, President, San Antonio Radio Club, presenting Richard A. Roudebush, N4DCA, with an ARRL Elmer Certificate



Rosendo Guzman, N5YBG, President, San Antonio Radio Club, presenting Cray D. Lester, Sr., K5MUG, with an ARRL Elmer Certificate



Rosendo Guzman, N5YBG, President, San Antonio Radio Club, presenting Bill Craft, KD2HIQ, with an ARRL Elmer Certificate



David P. Finell, N7LRY, receiving an ARRL Elmer Certificate from Rosendo Guzman, N5YBG, President, San Antonio Radio Club



Jon April, KI5CSK, receiving a Ham Radio Operator Award from Rosendo Guzman, N5YBG, President, San Antonio Radio Club, for Field Day 2019



Patricia L. Knight, AD5BR, receiving an ARRL Elmer Certificate from Rosendo Guzman, N5YBG, President, San Antonio Radio Club



John R. Douglas, W5NZK, Chairperson, JOTA Committee reporting on JOTA 2019 plans



Thomas P. O'Brien, AB5XZ, Chairperson, Centennial Commemoration Committee announcing the Special Event on August 10, 2019



Volunteer Examiners at Work



Pat Knight, AD5BR, Chairperson, Volunteer Examination Committee, and the Volunteer Examiners conducted the regular bi-monthly test session on the usual fourth Saturday, August 24, 2019, at the Great Northwest Library. There were 15 candidates at this session and 7 Volunteer Examiners (VEs). Pat AD5BR organized the VEs into two teams: red and blue. Rodney Brown, AA5RB, lead the red team of 4 VEs, and Pat AD6BR led the blue team of 3 VEs. A total of 10 Technician licenses were earned with one person going on to earn a General license. In addition to that, two candidates came to earn the General license and one candidate came to earn the Amateur Extra license. These three

individuals were successful in earning the license that they came to earn.

The next test session by the San Antonio Radio Club will be held on October 26, 2019, at the Great Northwest Library, 9050 Wellwood Street, San Antonio, TX 78250.

Finally, several new hams took up the offer for free membership in the San Antonio Radio Club. Please say hello to any new amateur radio operators at the next meeting.

Anyone interested in becoming a VE can contact Pat AD5BR, but the how to is on the ARRL website. More VEs are always welcomed.



Six VEs watching 15 candidates taking license tests at the Great Northwest Library on August 24, 2019



VE test session area looking from the back of the room at the Great Northwest Library on August 24, 2019 with the VE Red Team at the front on the left and the VE Blue Team at the front on the right

THE FUNNYFUZE – A Proximity Fuze Story

These are the slides that Richard Elder, WB5AXN, used during his presentation on the development of proximity fuses in World War II at the August 8, 2019 meeting. Full sized versions of these slides are available from the editor.

“THE FUNNY FUZE”

A Proximity Fuze Story

THE VT FUZE–(variable timing)

- ▶ THE PROBLEM WAS HOW TO SHOOT LESS THAN 1,000 TO 28,000 PROJECTILES THAT WILL DOWN AN ATTACKING AIRPLANE
- ▶ HOW TO DISCOURAGE AN ATTACKING MILITARY FORCE
- ▶ SOLUTION: MAKE THE EXPLODING SHELL DETONATE EVEN IN A NEAR MISS EVENT –
- ▶ “AN AIRBURST” WHERE CLOSE COUNTS!
 - (just like HORSE SHOES, etc)

THE VT FUZE–(variable timing)

- ▶ Previous design efforts focused on optical or acoustic fuzing, even capacitive sensing –all with no success
- ▶ Enter the RADIO BASED proximity sensing ??
 - But how do you get vacuum tubes of the day in a fuze to fit a standard 5” antiaircraft shell ??
 - How do you survive 20,000 “G” Force at firing and 25,000 R.P.M. in flight ?? (at 20,000 “G”s, a penny would weigh 130 pounds)

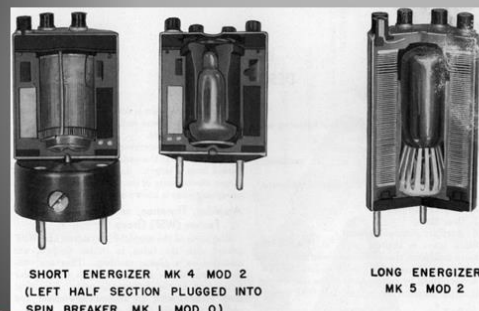
THE VT FUZE–(variable timing)

- ▶ The early idea for a RADIO BASED FUZE was in ENGLAND.
- ▶ The technology to sub-miniaturize the tubes was in the UNITED STATES.
- ▶ While many early prototypes involved many companies in the U.S., it was JOHNS HOPKINS APPLIED PHYSICS LABORATORY that led the design and testing to success.

THE VT FUZE–(variable timing)

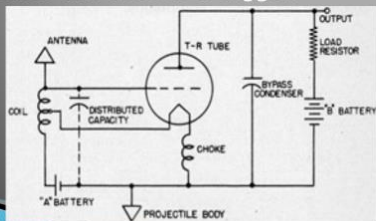
- ▶ Every early fuze was hand made of very special parts to survive a very demanding environment.
- ▶ Example: multiple voltages came from a chemical battery after primary batteries could not supply the power capacity and have any storage or shipping longevity.
- ▶ To activate the battery, use the firing force to break a glass container of acid to be spun into the waiting battery plate stack.

THE VT FUZE–(variable timing)



THE VT FUZE-(variable timing)

- ▶ To sense a nearby surface, airplane, ship, the ground itself, a radio transmitter-receiver was needed to develop a Doppler signal to be amplified and used as a trigger.



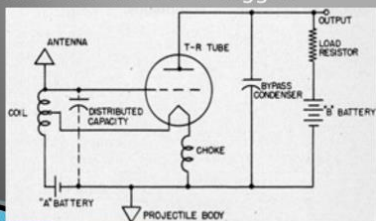
THE VT FUZE-(variable timing)

- ▶ Special vacuum tubes are needed that are smaller, more rugged, and reliable. Even smaller than these below.



THE VT FUZE-(variable timing)

- ▶ To sense a nearby surface, airplane, ship, the ground itself, a radio transmitter-receiver was needed to develop a Doppler signal to be amplified and used as a trigger.

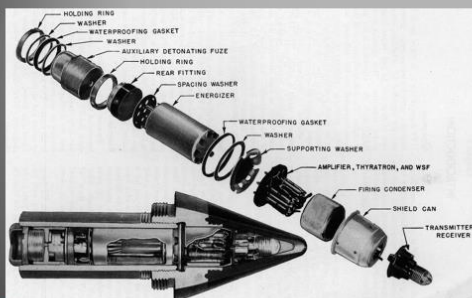


THE VT FUZE-(variable timing)

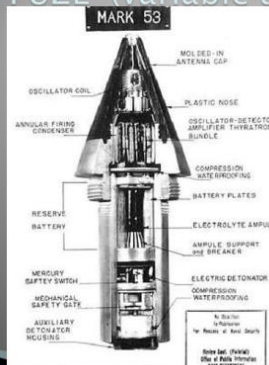
- ▶ Now cram about five of these tubes, a battery that will supply filament voltage and B+ plate voltage, a firing storage capacitor, many safety switches, a final destruct switch.....

- ▶ AND YOU GET THIS !!

THE VT FUZE-(variable timing)



THE VT FUZE-(variable timing)





The last slide was followed by a short video.

JOTA 2019

By Bill Craft, KD2HIQ



Please join us for the 62nd Annual Jamboree on the Air (JOTA) event and enjoy worldwide communications via Amateur Radio and the internet. JOTA is the largest Scouting event in the world with over 1.8 million Scouts participating across 150+ countries. Scouts of all ages are welcome to come and participate. This year's event will be held at McGimsey Scout Park in the Cub Pavilion area. The event starts Friday, October 18th from 6:00PM to 10:00PM, Saturday from 9:30AM to 10:00PM, and concludes Sunday 9:30AM to 12:00PM. Participants can camp out overnight Friday & Saturday. If you are interested in participating, reservations are strongly encouraged. Please send us a count of the number of youth and adults in your group that will be attending, the times you are wanting to attend, and if your group will be camping overnight.

Members can sign up to volunteer <https://w5sc.org/jota-volunteer/> Adults are required to complete the Youth Protection Test prior to attending. All the information is on our website volunteer page.

For more information:

John Douglas – W5NZK

Chairperson, Jamboree On The Air (JOTA) Committee

210-887-8317

W5NZK@yahoo.com



100 Years

Centennial Commemoration

San Antonio Radio Club Third Special Event at SAMSAT



San Antonio Museum of Science and Technology's main entrance with SARC's Centennial banner



SARC's Centennial banner to the left of the main entrance to the San Antonio Museum of Science and Technology



SARC's beam antenna set up on its trailer outside the San Antonio Museum of Science and Technology

San Antonio Radio Club's second Centennial Special Event operation was held on Saturday, August 10, 2019. The operation took place at the San Antonio Museum of Science and Technology (SAMSAT), in the Port San Antonio complex. The transceiver, an ICOM IC-781, was furnished by SAMSAT, drawing from the museum's warehouse. The station's antenna, a Cushcraft R-5 vertical antenna, was provided by SARC.

The plan for the day was to transport the club's tower, tri-band beam, and trailer from storage to SAMSAT and that was done this time. The team of Joe Bruno, W5AUQ, Richard Elder, WB5ACN, Rosendo Guzman, N5YBG, Harold Fleischer, AE5AS, and Rich Roudebush, N4DCA did the loadout at the Schertz storage site. By 8:15 a. m., it was on the way to SAMSAT. Joe W5AUQ, Rosendo N5YBG, Harold AE5AS, and Rich N4DCA were at SAMSAT by 9:00 a. m. and immediately commenced erecting the beam antenna. Lloyd Swartz KF5ZHW and Bill Craft, KD2HIQ, arrived at SAMSAT a short while later and helped with the erection of the beam antenna. The SWR for 20M was checked after the beam antenna was up and it was acceptable.

The antenna was ready about 10:15 a. m. Tom O'Brien, AB5XZ, was working the inside issues of connecting the logging computer to the internet and the ICOM IC-781. By 10:40 a. m., SARC was ready to start on air operations. There was steady activity on the 20-meter (14 MHz) band and over the course of the day 23 contacts were made for a total of 88 over the three Special



Tom O'Brien, AB5XZ, Chairperson, Centennial Commemoration Committee, at the radio controls with three members and four guests watching



Rich Roudebush, N4DCA, Tom O'Brien, AB5XZ, and Rosendo Guzman, N5YBG, President, San Antonio Radio Club conferring about the Special Event radio operation



G. Brian Clark, WB5DRI, operating and Tom O'Brien, AB5XZ, logging for the Centennial Commemorative Special Event on August 10, 2019, at the San Antonio Museum of Science and Technology's

Event operating days. SARC increased the number of contacted states by 1 from 29 to 30. SARC also added Honduras to the foreign countries of Canada and Venezuela although ARRL counts Hawaii and Puerto Rico as countries as well, which SARC has also reached. Per the log, SARC has had 11 different operators during these three sessions.

Tom AD5BR insisted on buying all present pizza for lunch. No one opposed his offer. Harold AE5AS went with Tom AD5BR to help with the fetching and toting. Various members floated in during the afternoon.

At 4:00 p. m., operations closed down. Tear Down started immediately. Tom SD5BR handled the inside while Joe W5AUQ, Harold AE5AS, Rosendo N5YBG, and Rich N4DCA worked on the beam antenna, tower, and cable recovery. By 5:00 p. m., everything was loaded, and Joe W5AUQ, Harold AE5AS, Rosendo N5YBG, and Rich N4DCA were on their way to the storage site at Schertz. Unloading was pretty quick, and everything was secured by 6:15 p. m.

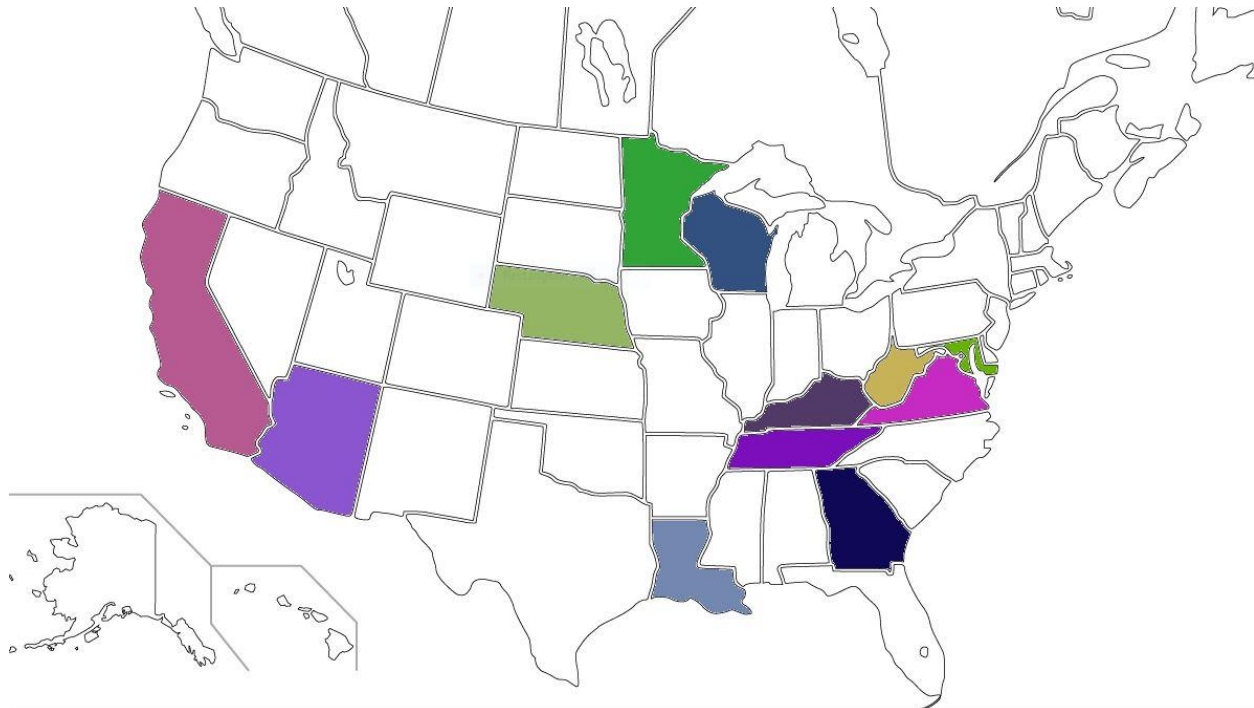
The next and last W5SC/100 Special Event operation is scheduled for Saturday, November 9, 2019, from 10 AM to 4 PM. Weather and conditions permitting, SARC will again be using the club's tri-band beam.



Jonathan Z. Keiser, AG5SY, operating, and Robert K. Keiser, NQ9B, logging while Sarah E. Keiser, AG5TJ, Crystalyn I. Keiser, AG5SO, Daniel C. Keiser, N3DXL, Rich Roudebush, N4DCA, and R. Brian Clark, WB5DRI watch

Remember that SARC's Special Event operation uses the "ARRL Field Day" model, as follows: anyone can operate the station, regardless of license class, because we operate with an Extra-Class licensed "Control Operator", and therefore we have Extra-Class privileges as far as frequency and mode.

Editor's Note: Tom O'Brien, AB5XZ, provided the statistics and the map graphic from the logging program for this article.



Map from N3FJP logging program showing the states contacted during the third Special On Air Event for the Centennial Commemoration on Saturday, August 10, 2019

Opportunity Knocks

Rosendo Guzman, N5YBG, President, San Antonio Radio Club (SARC), is looking ahead to next year. A key part of next year will be the leadership for SARC. To that end, Rosendo N5YBG has, on a timely basis, appointed Joe Bruno, W5AUQ, Chairperson of the Nominating Committee. Joe W5AUQ will be requesting nominees at the September 12, 2019 meeting and is looking to present a proposed slate at the October 10, 2019. The annual election will be at the November 14, 2019 meeting. Not waiting for the grass to grow under his feet, Joe W5AUQ, reports that he has the following candidates so far:

President	Rosendo Guzman, N5YBG (standing for re-election)
Vice President	Lloyd Swartz, KF5ZHW
Secretary	Gianna B Fang-Guzman (acting – pending a license)
Treasurer	Jeff Boyes, ND8B (standing for re-election)
Director through 2014	Joe Bruno, W5AUQ

Joe W5AUQ reports that he has talked to most appointed officers and committee chairpersons and they have agreed to continue on into 2020. That said, Joe W5AUQ wants to emphasize several points:

- *He would like more than one candidate for each office.*
- He has a copy of the Constitution and By-Laws so he can review the duties of each office with anyone interested in a particular one.
- This is not a lone Ranger exercise. The Vice President gets help from members that step up to do a presentation. Members will usually help an officer out when requested.

EXTRA SPECIAL ANNOUNCEMENT:

The position of Exalted Supreme Editor-In-Chief of the Bexar Wire newsletter of the San Antonio Radio Club (SARC) is officially available. (Please note the upgraded title in recognition of the importance of this position.) This is an appointed position of SARC. Anyone interested in this opportunity should contact Rosendo Guzman, N5YBG, President, SARC, who is the appointing authority for this position. Rosendo, N5YBG, may be contacted by telephone on 210-323-0043 or emailed at rosendo.guzman@gmail.com.

The Exalted Supreme Editor-In-Chief typically gathers input, often verbally delivered from various officers and committee chairpersons, and then writes it up into stories. The Exalted Supreme Editor-In-Chief usually attends all meetings and events, takes notes, takes pictures, and writes up stories about them. The President has been very good on submitting his President's Radiogram and General Membership Meeting Minutes on time.

From a skills perspective, the Exalted Supreme Editor-In-Chief must be assertive in getting information, must be able to write, must be able to take pictures, and must be able to type and use appropriate computer programs (Microsoft Word is currently used.) to put the Bexar Wire newsletter out by the Monday before the General Membership Meeting on the second Thursday of the month.

The next Exalted Supreme Editor-In-Chief will be tutored and mentored to help him or her get started. SARC desires to have a smooth transition.

Groups.io

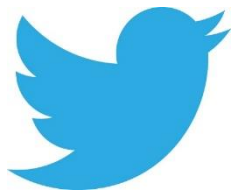


SARC has had a Groups.io. Its name is saradioclub.

The saradioclub Group.io is being used to publicize SARC business meetings. It can be used for other things like promotion of VEC testing and classes. Members of the saradioclub Group.io can and have asked each other technical questions or sought assistance.

The saradioclub Group.io is a closed group. To become a member, go to saradioclub.groups.io. (You may need to have a Groups.io account.) You will then need to select *Apply for membership in this group*. This generates a message. SARC members can expect approval to join the saradioclub Group.io in probably less than 24 hours.

SARC Tweets



Reminder: there are two active Twitter accounts for the San Antonio Radio Club. They are @SARadioClub and @ARadioFiesta.

The @SARadioClub is being used to publicize SARC meetings. It can be used for other things like promotion of VEC testing and classes.

As Radio Fiesta 2017 work has commenced, the @ARadioFiesta is being used again for the January 14, 2017 Radio Fiesta.

SARC members are encouraged to follow both Twitter accounts.

SARC Facebook



There is a San Antonio Radio Club – SARC (@saradioclub) Facebook Page.

The newsletter editor is making posts about SARC meetings and other activities. Any Officer, Committee Chairperson, or member who believes that they have information that should be posted to this page should contact the newsletter editor using the contact information for the newsletter editor on page 2 of this newsletter.

SARC members are encouraged to follow this Facebook Page.

SARC SLACK



There is a San Antonio Radio Club Slack team – w5sc.slack.com.

Slack teams are meant to foster communication between team members. Paul Guido, N5IUT, has established the w5sc.slack.com team for SARC. He has also established some channels. Think of the channels as topical areas.

To join send an email to Paul Guido, N5IUT, at radioteacher@gmail.com. In actuality, any team member already a part of the w5sc.slack.com can invite you, but Paul is known to be on it.

SARC has a website:

w5sc.org

Webmaster: Bill Craft KD2HIQ
Billc851@gmail.com
210-233-8863

Amateur Radio License Classes

Multiple classes planned for 2019.

For more information, contact:
David Finell, N7LRY
Instructor

SARC Meeting Dates for 2019 & Early 2020

September 12, 2019
October 10, 2019
November 14, 2019
December (None)
January 9, 2020
February 13, 2020
March 12, 2020
April 9, 2020
May 14, 2020
June 11, 2020
July 9, 2020
August 13, 2020

Meetings are held at Blanco BBQ, 13259 Blanco Rd, San Antonio, TX 78216 at 7:00 p. m. Room is available at 6:00 p. m. for supper.

Come early and eat with other members coming early.

License Testing Dates for 2019 & Part of 2020

October 26, 2019
December 28, 2019
January 11, 2020
February 22, 2020
April 25, 2020
June 27, 2020
August 22, 2020

Times and locations along with required document information can be found on SARC's website.

SARC does all of its licensing testing as a part of ARRL Volunteer Examiner Coordinator (VEC) organization so all of the Volunteer Examiners in SARC are duly authorized Volunteer Examiners of ARRL's VEC.

Radio Fiesta 2020

January 10-11, 2020
Schertz Civic Center

See website w5sc.org for more information

JOTA

Boy Scout Jamboree On The Air

This year's date is Oct 18-20, 2019.

More information will be available as the date draws closer.

Emergency Communications

If you are interested in emergency communications, contact:
JC Smith N5RXS

Field Day 2020

Setup: Friday, June 26, 2020
Operations: Saturday, June 27, 2020
& Sunday, June 28, 2020

Where SARC proves they are an eating group with a radio problem.

More information to follow, but hold these dates.